

Converting Colors

XYZ(28.8276, 30.4775, 32.3154)

Have a look what the booklet for
XYZ(28.8276, 30.4775, 32.3154)
contains.

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Color

**XYZ(28.8293, 30.4348,
32.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	969694
RGB	150, 150, 148
RGB Percent	59%, 59%, 58%
CMY	0.4118, 0.4118, 0.4196
CMYK	0.00, 0.00, 0.01, 0.41
HSL	60°, 1%, 58%
HSV	60°, 1%, 59%
XYZ	28.8293, 30.4348, 32.3720
YIQ	149.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

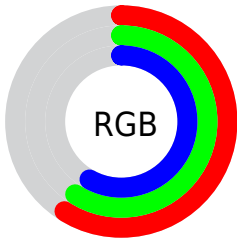
Format	Color
RYB	148, 150, 148
Decimal	9868948
CIELab	62.03, -0.38, 1.05
CIELCh	62, 1.112, 110.005
Yxy	30.4348, 0.3146, 0.3321
Android (android.graphics.Color)	4288059028 (0xFF969694)
YUV	149.7720, -0.8736, 0.2000
Hunter-Lab	55.1677, -3.2639, 3.8265

Details

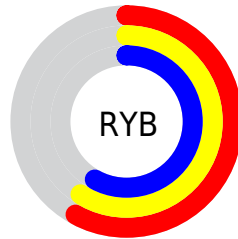
The XYZ color **28.8293, 30.4348, 32.3720** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.3088, 29.6785, 33.0922**, and the grayscale version is **28.8969, 30.4018, 33.1075**.

A 20% lighter version of the original color is **57.1554, 60.2874, 64.5013**, and **11.7651, 12.4394, 13.0902** is the 20% darker color. If you saturate the color by 10%, you get **27.7149, 29.9896, 26.5184**, and if you desaturate by 10%, it is **30.0993, 30.9442, 39.0374**.

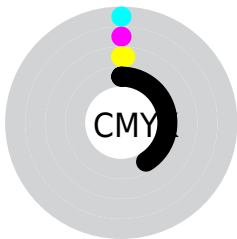
Distribution



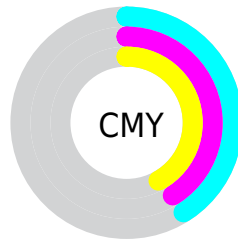
- Red (59%)
- Green (59%)
- Blue (58%)



- Red (58%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8293, 30.4348, 32.3720 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.8293, 30.4348, 32.3720 by changing the saturation by 10% instead.

■ 28.8293, 30.4348,
32.3720

■ 28.8293, 30.4348,
32.3720

288.4174,
303.9259, 327.3552

■ 19.0954, 20.1688,
21.3786

■ 57.2052, 60.3491,
64.4985

■ 11.8436, 12.5178,
13.2071

■ 76.5779, 80.7663,
86.4687

■ 6.7087, 7.0974,
7.4389

99.8942, 105.3359,
112.9349

■ 3.3253, 3.5231,
3.6555

127.5195,
134.4425, 144.3157

■ 1.3280, 1.4105,
1.4383

159.8191,
168.4704, 181.0295

■ 0.2041, 0.2245,
0.1713

197.1584,

■ 0.0000, 0.0000,

207.8040, 223.4950

0.0000

239.9027,
252.8277, 272.1307

■ 28.8293, 30.4348,
32.3720

■ 28.8293, 30.4348,
32.3720

■ 27.7149, 29.9896,
26.5184

■ 30.0993, 30.9442,
39.0374

■ 26.7477, 29.6023,
21.4437

■ 31.5280, 31.5161,
46.5419

■ 25.9223, 29.2717,
17.1157

■ 33.1213, 32.1538,
54.9140

■ 25.2320, 28.9952,
13.4992

■ 34.8845, 32.8595,
64.1800

■ 24.6696, 28.7698,
10.5561

■ 36.8222, 33.6350,
74.3655

■ 24.2271, 28.5924,
8.2448

■ 38.9392, 34.4822,
85.4948

■ 23.8959, 28.4595,
6.5192

■ 41.2399, 35.4029,
97.5914

■ 23.6659, 28.3671,
5.3266

■ 41.5632, 35.5326,
99.2756

■ 23.5254, 28.3105,
4.6053

■ 41.5668, 35.5345,
99.2758

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9772, 30.4348, 32.3355



28.8293, 30.4348, 32.3720



28.7081, 30.4348, 32.6129

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.8293, 30.4348, 32.3720



28.7433, 30.4348, 33.7720



29.2109, 30.4348, 33.2812

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.8293, 30.4348, 32.3720



28.3088, 29.6785, 33.0922

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.1478, 30.4348, 33.6694



28.8293, 30.4348, 32.3720



28.8776, 30.4348, 33.9544

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.8293, 30.4348, 32.3720



28.6585, 30.4348, 33.4203



29.0257, 30.4348, 33.9166



29.1979, 30.4348, 32.8580

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.8293, 30.4348, 32.3720



28.6585, 30.4348, 32.8581



29.0257, 30.4348, 33.9166



29.1979, 30.4348, 33.4202

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.8302, 30.4361, 32.3727



51.1593, 53.8236, 58.6138



28.5138, 29.8027, 32.2671



11.3376, 11.9280, 12.9896



71.1368, 74.8414, 81.5023

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8302, 30.4361, 32.3727



50.7288, 53.6512, 56.3537



28.6471, 30.3418, 32.3641



6.4506, 6.8187, 7.1879



19.4479, 23.4536, 3.5020



0.2382, 0.2872, 0.0429

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.3088, 29.6785, 33.0922



49.3296, 51.6181, 58.2846



28.4902, 29.7720, 33.1007



6.2902, 6.5856, 7.4094



4.5680, 1.8274, 24.0430



0.0560, 0.0224, 0.2943

Previews

White Background



This preview shows how the XYZ color 28.8293, 30.4348, 32.3720 looks on a white background.

Color Contrast Check

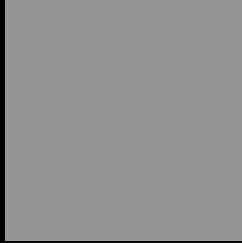
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.8293, 30.4348, 32.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

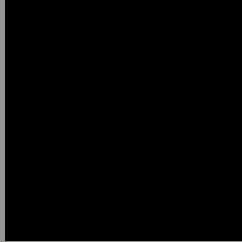
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8293, 30.4348, 32.3720

Background



This preview shows how black text looks on a background with the XYZ color 28.8293, 30.4348, 32.3720.



This preview shows how white text looks on a background with the XYZ color 28.8293, 30.4348,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.8293, 30.4348, 32.3720

Protanopia

29.1508, 30.3738, 31.9301

Deuteranopia

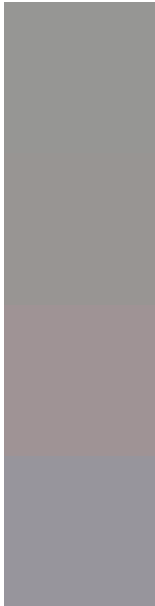
30.8601, 30.3132, 32.6583



Tritanopia

29.8840, 30.3933, 37.5491

Trichromacy



Original Color

28.8293, 30.4348, 32.3720

Protanomaly

28.9628, 30.2769, 31.9213

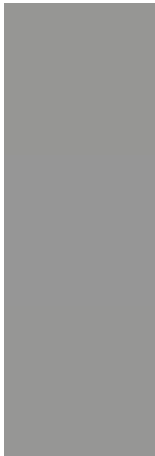
Deuteranomaly

30.1566, 30.4083, 32.7137

Tritanomaly

29.5107, 30.4745, 35.7793

Monochromacy



Original Color

28.8293, 30.4348, 32.3720

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.9088, 30.4666, 32.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8293, 30.4348, 32.3720 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 150, 148)` looks like.

```
.text, #text, p{  
  color:rgb(150, 150, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.8293, 30.4348, 32.3720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 150, 148) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 150, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 150, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(150, 150,  
148) }
```


Background

The CSS property to change the background color of an element to XYZ 28.8293, 30.4348, 32.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
150, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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